

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

**STORAGE AREA NETWORK METHODS AND APPARATUS WITH HIERARCHICAL FILE SYSTEM
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the specification of which (check one)

 X is attached hereto.
 _____ was filed on _____
 _____ as Application Serial No. _____
 _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a) – (d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)	Priority Claimed
<div style="display: flex; justify-content: space-between;"> <div> <u>None</u> (Number) </div> <div> _____ (Country) </div> <div> _____ (Day/Month/Year Filed) </div> </div>	<div style="display: flex; justify-content: space-around;"> _____ Yes _____ No </div>

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>None</u> (Application Serial No.)	_____ (Filing Date)	_____ (Status) (patented, pending, abandoned)
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Paik Saber (#37,494)
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Robert B. Martin (#26,945)
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David J. Powsner (617) 439-2717

Full name of sole or first joint-inventor: Paul Lawrence Bradshaw

Inventor's signature:

Date:

Residence: 309 Heavenly Way Santa Cruz, CA 95065

Citizenship: USA

Post Office Address: Same

Full name of second joint-inventor: Brian Augustine Delaire

Inventor's signature:

Date:

Residence: 38448 Crosspointe Cmn. Fremont, CA 94536

Citizenship: USA

Post Office Address: Same

Full name of third joint-inventor: Daniel Graham Douglas

Inventor's signature:

Date:

Residence: 1607 Puerto Vallarta Drive San Jose, CA 95120

Citizenship: USA

Post Office Address: Same

Full name of fourth joint-inventor: Douglas Paul Dunham

Inventor's signature:

Date:

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Full name of fifth joint-inventor: Tina Lynn Dunton

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Date:

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Citizenship: USA

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Full name of sixth joint-inventor: David Wilson Groves

Inventor's signature:

Date:

Residence: 1118 Settle Avenue San Jose, CA 95125

Citizenship: USA

Post Office Address: Same

Full name of seventh joint-inventor: Vincent Jomartin Hoang

Inventor's signature:

Date:

Residence: 1094 Saddlewood Drive San Jose, CA 95121

Citizenship: USA

Post Office Address: Same

Full name of eighth joint-inventor: Nancy Lott Hobbs

Inventor's signature:

Date:

Residence: 969 Leighton Way Sunnyvale, CA 94087

Citizenship: USA

Post Office Address: Same

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Full name of ninth joint-inventor: His Tai (Steve) Hsu

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address: Same

Full name of tenth joint-inventor: Louis Leo Lorber

Inventor's signature:

Date:

Residence: 205 Alviso Street Santa Clara, CA 95050

Citizenship: USA

Post Office Address: Same

Full name of eleventh joint-inventor: Ngoc V. Nguyen

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address: Same

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Full name of twelfth joint-inventor: Gregory John Tevis

Inventor's signature:

Date:

Residence: 2811 West Puccini Place Tuscon, AZ 85741

Citizenship: USA

Post Office Address: Same

Full name of thirteenth joint-inventor: Ophelia K. Yip

Inventor's signature:

Date:

Residence: 1717 Taraval Street San Francisco, CA 94116

Citizenship: USA

Post Office Address: Same

Full name of fourteenth joint-inventor:

Inventor's signature:

Date:

Residence:

Citizenship:

Post Office Address: Same

ASSIGNMENT

Whereas, we

(1) Paul Lawrence Bradshaw of 309 Heavenly Way, Santa Cruz,
County of Santa Cruz and State of California,
and (2) Brian Augustine Delaire of 38448 Crosspointe Cmn., Fremont,
County of Alameda and State of California,
and (3) Daniel Graham Douglas of 1607 Puerto Vallarta Drive, San Jose,
County of Santa Clara and State of California,
and (4) Douglas Paul Dunham of 89 Cashew Blossom Drive, San Jose,
County of Santa Clara and State of California,
and (5) Tina Lynn Dunton of 5690 Lilac Blossom Lane, San Jose,
County of Santa Clara and State of California,
and (6) David Wilson Groves of 1118 Settle Avenue, San Jose,
County of Santa Clara and State of California,
and (7) Vincent Jomartin Hoang of 1094 Saddlewood Drive, San Jose,
County of Santa Clara and State of California,
and (8) Nancy Lott Hobbs of 969 Leighton Way, Sunnyvale,
County of Santa Clara and State of California,
and (9) His Tai (Steve) Hsu of , ,
County of and State of ,
and (10) Louis Leo Lorber of 205 Alviso Street, Santa Clara,
County of Santa Clara and State of California,
and (11) Ngoc V. Nguyen of , ,
County of and State of ,
and (12) Gregory John Tevis of 2811 West Puccini Place, Tuscon,
County of Pima and State of Arizona,
and (13) Ophelia K. Yip of 1717 Taraval Street, San Francisco,
County of San Francisco and State of California,

have invented certain improvements in

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EXTENSION POLICY**

and executed, respectively, a United States patent application therefor on

(1) _____, 2001, (2) _____, 2001, (3) _____, 2001, (4) _____, 2001,
(5) _____, 2001, (6) _____, 2001, (7) _____, 2001, (8) _____, 2001,
(9) _____, 2001, (10) _____, 2001, (11) _____, 2001, (12) _____, 2001,
(13) _____, 2001

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desired to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigned, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

(1) at _____	_____	Signature
on _____, 2001,	Paul Lawrence Bradshaw	Inventor
(2) at _____	_____	Signature
on _____, 2001,	Brian Augustine Delaire	Inventor
(3) at _____	_____	Signature
on _____, 2001,	Daniel Graham Douglas	Inventor
(4) at _____	_____	Signature
on _____, 2001,	Douglas Paul Dunham	Inventor
(5) at _____	_____	Signature
on _____, 2001,	Tina Lynn Dunton	Inventor
(6) at _____	_____	Signature
on _____, 2001,	David Wilson Groves	Inventor
(7) at _____	_____	Signature
on _____, 2001,	Vincent Jomartin Hoang	Inventor
(8) at _____	_____	Signature
on _____, 2001,	Nancy Lott Hobbs	Inventor
(9) at _____	_____	Signature
on _____, 2001,	His Tai (Steve) Hsu	Inventor
(10) at _____	_____	Signature
on _____, 2001,	Louis Leo Lorber	Inventor
(11) at _____	_____	Signature
on _____, 2001,	Ngoc V. Nguyen	Inventor
(12) at _____	_____	Signature
on _____, 2001,	Gregory John Tevis	Inventor
(13) at _____	_____	Signature
on _____, 2001,	Ophelia K. Yip	Inventor